

AMENDMENT TO THE CLAIMS

Claims 28-48 (canceled)

49. (New) A process for producing plane structures, wherein the plane structures are paper, board or films, said process comprising:

- an internal treatment wherein a composition simultaneously comprising at least one cationic starchy material and at least one sulfonated starchy material is totally or substantially distributed throughout the mass constituting the resulting plane structure, and/or
- an external treatment wherein a composition simultaneously comprising at least one cationic starchy material and at least one sulfonated starchy material is totally or substantially applied or retained on at least one of the two faces of the resulting plane structure.

50. (New) The process as claimed in claim 49, wherein the composition is used in an amount of 2 to 12% expressed in total dry weight of cationic and sulfonated starchy materials based on the dry weight of the mass constituting the said structure.

51. (New) The process as claimed in claim 49, wherein the sulfonated starchy material is selected from the group consisting of sulfocarboxylated starches, sulfoalkoylated starches and sulfoalkenylated starches.

52. (New) The process as claimed in claim 51, wherein the sulfonated starchy material is selected from the group

consisting of monosulfocarboxylated and disulfocarboxylated starches.

53. (New) The process as claimed in claim 49, wherein the composition comprises a weight ratio of the cationic starchy material(s) to the sulfonated starchy material(s), of between 10/1 and 1/10.

54. (New) The process as claimed in claim 49, wherein the composition comprises a weight ratio of the cationic starchy material(s) to the sulfonated starchy material(s), of between 10/1 and 1/5.

55. (New) The process as claimed in claim 49, wherein the composition comprises a weight ratio of the cationic starchy material(s) to the sulfonated starchy material(s), of between 5/1 and 1/4.

56. (New) The process as claimed in claim 49, wherein the composition is in the form of a solid mixture, containing at least one granular cationic starchy material and at least one granular sulfonated starchy material.

57. (New) The process as claimed in claim 56, wherein the composition is in the form of a powdered material.

58. (New) The process as claimed in claim 49, wherein the composition is in the form of a suspension, containing at least one granular cationic starchy material and at least one granular sulfonated starchy material.

59. (New) The process as claimed in claim 58, wherein the composition is in the form of an aqueous suspension.

60. (New) The process as claimed in claim 49, wherein the composition is in the form of a size.

61. (New) The process as claimed in claim 49, wherein the composition is in the form of an aqueous size.

62. (New) The process as claimed in claim 61, wherein the composition comprises non-solubilized starchy structures.

63. (New) The process as claimed in claim 62, wherein the composition comprises granular structures, whether swollen or not, and/or complexes associating the cationic starchy material with the sulfonated starchy material.

64. (New) The process according to claim 49, wherein at least one of the cationic and sulfonated starchy materials consists of a cereal starch.

65. (New) The process according to claim 64, wherein the cereal starch is a corn starch.